



SAARTHI - सारथी

करियर मार्गदर्शन पोर्टल · Career Guidance Portal

"सही मार्गदर्शन, उज्ज्वल भविष्य।"

करियर शीट · CAREER SHEET

उद्यान विशेषज्ञ (हॉर्टिकल्चरिस्ट)

A horticulturist grows, cares for and propagates fruits, vegetables, flowers and ornamental plants. They work in nurseries, orchards, protected cultivation (polyhouses), landscape design and agricultural research.



Scan for everything on this career

Salary, exams, colleges, the routes in and the steps after — all on the portal.

career.gsssjethantri.in/#/career/horticulturist-portal

राजकीय उच्च माध्यमिक विद्यालय, जेठन्तरी

Govt. Sr. Sec. School, Jethantri · ब्लॉक समदड़ी · बालोतरा (Block Samdari · Balotra)

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सुशील कुमार शर्मा

प्रधानाचार्य, रा.उ.मा.वि. जेठन्तरी · मास्टर ट्रेनर
Principal, GSSS Jethantri · Master Trainer



श्री चेनाराम चौधरी

प्रधानाचार्य, डाइट बाड़मेर
Principal, DIET Barmer



श्रीमती संघमित्रा

वरिष्ठ व्याख्याता, डाइट बाड़मेर (सहयोग)
Sr. Lecturer, DIET Barmer (Support)



भरत चौधरी

अभिकल्पना व विकास · व्याख्याता (इतिहास)
Designed & developed · Lecturer (History)

विशेष धन्यवाद · SPECIAL THANKS



सुरेन्द्र सिंह राठौड़

व्याख्याता (इतिहास) · रा.उ.मा.वि. कानाना



सुरेश कुमार सैन

व्याख्याता (भूगोल) · रा.उ.मा.वि. रामसीन मूंगड़ा



वनिता कुमारी

व्याख्याता (इतिहास) · रा.उ.मा.वि. रामसीन मूंगड़ा



कमलेश चौधरी

व्याख्याता (राजनीति विज्ञान) · रा.उ.मा.वि. टापरा

करियर मार्गदर्शन कार्यशाला, डाइट बाड़मेर (14-17 जुलाई 2026) में विकसित व लोकार्पित
Developed & unveiled at the Career Guidance Workshop, DIET Barmer (14-17 July 2026)

यह एक स्वतंत्र परियोजना है, जो सरकार की आधिकारिक करियर-मार्गदर्शन सामग्री पर आधारित है। · An independent project based on the Government's official career-guidance content.

1 About this career

A horticulturist grows, cares for and propagates fruits, vegetables, flowers and ornamental plants. They work in nurseries, orchards, protected cultivation (polyhouses), landscape design and agricultural research.

2 At a glance

Field	Science / Agriculture
Minimum qualification	B.Sc/M.Sc Horticulture
Starting salary	₹15,000–30,000/month
Work mode	Field, nursery & lab

3 What you need

INTERESTS

- Interest in science, plants and nature
- Analysing problems and situations
- Enjoy working outdoors

ABILITIES

- Attention to detail
- Observation and analytical ability
- Patience and physical stamina

KEY SKILLS

- Knowledge of plant biology
- Pest and disease control
- Polyhouse / protected cultivation
- Landscape design
- Soil and irrigation management
- Nursery and plant propagation techniques
- Post-harvest management

4 How to get there

- 1 Complete 10+2 in Science stream (Physics, Chemistry, Biology).
- 2 Pursue a B.Sc (4 years) in Agriculture/Horticulture.
- 3 Alternatively, complete a diploma in Horticulture.
- 4 Deepen expertise with an M.Sc/Ph.D if interested.
- 5 Choose an ICAR-accredited institution.

MAIN EXAMS

- ICAR AIEEA (UG/PG)
- Rajasthan Joint Entrance Test for Agriculture (JET)
- University entrance exams

5 Where to study

GOVERNMENT INSTITUTES

- Maharana Pratap University of Agriculture & Technology (MPUAT) — Udaipur, Rajasthan (<https://www.mpuat.ac.in>)
- Swami Keshwanand Rajasthan Agricultural University — Bikaner, Rajasthan (<https://www.raubikaner.org>)
- Agriculture University — Jodhpur, Rajasthan (<https://www.aujodhpur.ac.in>)
- ICAR-Central Institute for Arid Horticulture (CIAH) — Bikaner, Rajasthan
- Indian Agricultural Research Institute (IARI) — New Delhi

PRIVATE INSTITUTES

- Jaipur National University — Jaipur, Rajasthan
- Bhagwant University — Ajmer, Rajasthan
- Amity University — Noida

ONLINE

- NPTEL / SWAYAM — Online (<https://swayam.gov.in>)
- Udemy - Horticulture courses — Online (<https://www.udemy.com>)
- IGNOU (दूरस्थ शिक्षा) — Online (<https://www.ignou.ac.in>)

FEES

Course fees range roughly from ₹6,000 to ₹8,00,000 depending on a government or private institute. (Figures are indicative.)

SCHOLARSHIPS

- National Scholarship Portal (NSP) (<https://scholarships.gov.in>)
- Buddy4Study (<https://www.buddy4study.com>)
- ICAR National Talent Scholarship (<https://icar.org.in>)
- Rajasthan SJE Scholarships (<https://sje.rajasthan.gov.in>)
- Vidya Lakshmi Education Loan Portal (<https://www.vidyalakshmi.co.in>)

6 What the work is like

WHERE YOU WORK

Agricultural cooperatives, government research institutes, private seed/agri companies, nurseries, orchards, food-processing companies and landscaping firms.

WORK CULTURE

Work both indoors and outdoors, often in a team. Usually 5–6 days a week, 9–10 hours a day. Opportunities exist for persons with disabilities too.

WHO HIRES

- | | |
|-------------------------------------|---------------------------------|
| • State Horticulture Department | • NABARD 'Wadi' projects |
| • ICAR research institutes | • Seed and agri-input companies |
| • Commercial nurseries and orchards | • Food-processing industry |

DEMAND (2026)

Rising protected cultivation, organic produce and exports are rapidly increasing demand for horticulturists in Rajasthan and India.

7 Career growth

- 1 Junior Horticulturist
- 2 Horticulturist
- 3 Senior Horticulturist

4 Operations Head

EARNINGS

Starting	₹15,000–30,000/माह
Mid level	₹40,000–60,000/माह
Senior level	₹85,000+/माह

Self-employment (nursery/orchard) can earn substantially more. Figures are indicative.

8 The good parts · The challenges

The good parts

- Work with nature and in the open air
- Scope for self-employment and entrepreneurship
- Growing green and export economy

The challenges

- Dependence on weather and seasonal cycles
- Physically demanding work
- Relatively modest starting salary

9 Real-life journeys

Durga Prasad Patel

Horticulture Expert, 'Wadi' Project, Baran

From Damoh (MP), Durga Prasad Patel did a B.Sc in Agriculture and M.Sc in Horticulture. After starting as a rural sales executive at HDFC Bank, he moved to the NABARD-funded 'Wadi' project in Baran, Rajasthan, which builds sustainable livelihoods for tribal communities.

WorkMob Stories · <https://stories.workmob.com/durga-prasad-patel-agriculture>

Chenamma

Progressive Vegetable Horticulture Farmer, Doddaballapura, Karnataka

From Antarahalli village in Bangalore Rural district, Karnataka, Chenamma shifted from traditional ragi and jowar to vegetable horticulture in 2006. By adopting ICAR-IIHR's improved French bean varieties (Arka Komal, Arka Anoop, Arka Suvidha), bio-fertilizers and organic methods across her 7 acres, she earns net returns exceeding ₹1.4 lakh per hectare and now works as a seed producer and mentor to fellow farmers.

ICAR-IIHR · <https://www.iihr.res.in/success-story-smt-chenamma-innovative-vegetable-farmer-karnataka>

10 Sources & further reading

1. Rajasthan Career Guidance Portal — <https://cg.rajasthan.gov.in/careerguidance/>
2. Indian Council of Agricultural Research — <https://icar.org.in>
3. MPUAT Udaipur — <https://www.mpuat.ac.in>
4. NIRF Ranking — <https://www.nirfindia.org>
5. National Scholarship Portal — <https://scholarships.gov.in>



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